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ADPRH Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP2301b

Specification

ADPRH Antibody (C-term) Blocking Peptide - Product Information

Primary Accession	P54922
Other Accession	NP_001116

ADPRH Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 141

Other Names
[Protein ADP-ribosylarginine] hydrolase, ADP-ribosylarginine hydrolase, ADP-ribose-L-arginine cleaving enzyme, ADPRH, ARH1

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP2301b was selected from the C-term region of human ADPRH . A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ADPRH Antibody (C-term) Blocking Peptide - Protein Information

Name ADPRH

Synonyms ARH1

Function
Specifically acts as an arginine mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to arginine residues on proteins.

ADPRH Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ADPRH Antibody (C-term) Blocking Peptide - Images

ADPRH Antibody (C-term) Blocking Peptide - Background

ADPRH catalyzes removal of mono-ADP-ribose from arginine residues of proteins in the ADP-ribosylation cycle. Unlike the rat and mouse enzymes, which require DTT for maximal activity, the human enzyme is DTT-independent.

ADPRH Antibody (C-term) Blocking Peptide - References

Takada, T., et al., J. Biol. Chem. 268(24):17837-17843 (1993).